C3S_512 is a subcontract of the Copernicus Climate Change Service (C3S) which defines, develops and establishes Evaluation Quality Control (EQC) of the climate data. The EQC function has the role to ensure that high quality climate data and information is provided to the users. The C3S address directly the users in the large range of sectors and provide a qualitative information for the climate change in five data categories: observational and satellite data, reanalysis, seasonal forecasts and climate global and regional projections. Several tools are going to be used to assure consistency and physical plausibility of the data. A data checker will prove for physically reasonable range of the values, for gaps and jumps in the patterns in time and space. Evaluation tools will be used to perform a simple statistics and give a basic features of some priority variables.

The computing resources at DKRZ are needed to modify the existing version of the data checker and the evaluation tools and to prepare them for operational EQC usage. Different type climate data has to be uploaded to perform the necessary test before putting the tools into exploitation.